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STATISTICAL COMPENDIUM:  
MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT IN 2007  
NORTH DAKOTA

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CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY<sup>a, b</sup>  
NONDUAL BENEFICIARIES, NORTH DAKOTA, 2007

Beneficiary Characteristics	Number of Beneficiaries						Number of Benefit Months					
	All	Aged	Disabled	Adults	Children	Other/ Unknown	All	Aged	Disabled	Adults	Children	Other/ Unknown
<b>All</b>	<b>57,938</b>	<b>91</b>	<b>4,774</b>	<b>15,417</b>	<b>37,656</b>	<b>0</b>	<b>479,884</b>	<b>858</b>	<b>48,575</b>	<b>113,991</b>	<b>316,460</b>	<b>0</b>
<b>Age</b>												
5 and younger	17,474	0	233	0	17,241	0	144,321	0	2,346	0	141,975	0
6-14	14,718	0	516	2	14,200	0	129,705	0	5,551	19	124,135	0
15-20	7,798	0	475	1,328	5,995	0	64,360	0	4,898	10,151	49,311	0
21-44	14,714	0	1,587	12,907	220	0	112,862	0	16,368	95,455	1,039	0
45-64	3,132	0	1,953	1,179	0	0	27,735	0	19,375	8,360	0	0
65-74	45	34	10	1	0	0	377	334	37	6	0	0
75-84	27	27	0	0	0	0	274	274	0	0	0	0
85 and older	30	30	0	0	0	0	250	250	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
<b>Gender</b>												
Female	33,665	56	2,472	12,852	18,285	0	277,971	524	25,318	97,519	154,610	0
Male	24,271	35	2,302	2,565	19,369	0	201,903	334	23,257	16,472	161,840	0
Unknown	2	0	0	0	2	0	10	0	0	0	10	0
<b>Race</b>												
White	35,175	55	3,332	9,547	22,241	0	284,333	520	33,795	68,286	181,732	0
African American	2,013	14	104	529	1,366	0	16,093	134	985	3,668	11,306	0
Other/unknown	20,750	22	1,338	5,341	14,049	0	179,458	204	13,795	42,037	123,422	0
<b>Use of Nursing Facilities<sup>c</sup></b>												
Entire year	115	29	86	0	0	0	1,115	283	832	0	0	0
Part year	117	10	96	6	5	0	1,157	77	974	54	52	0
None	57,706	52	4,592	15,411	37,651	0	477,612	498	46,769	113,937	316,408	0
<b>Maintenance Assistance Status</b>												
Cash	25,866	35	4,191	7,626	14,014	0	222,487	339	44,484	56,216	121,448	0
Medically needy	4,658	56	544	1,520	2,538	0	33,101	519	3,746	7,945	20,891	0
Poverty-related	12,773	0	0	1,280	11,493	0	91,163	0	0	7,033	84,130	0
Other/unknown	14,641	0	39	4,991	9,611	0	133,133	0	345	42,797	89,991	0
<b>Managed Care (MC) Status</b>												
Fee-for-service (FFS) all year	57,938	91	4,774	15,417	37,656	0	479,884	858	48,575	113,991	316,460	0
FFS part year, with Rx claims	0	0	0	0	0	0	0	0	0	0	0	0
FFS part year, no Rx claims	0	0	0	0	0	0	0	0	0	0	0	0

Source: Data for this table are from the MAX 2007 file for North Dakota, released by CMS in 5/2010. This table was produced on 10/06/2010.

a. Table ND.2 includes the beneficiaries represented by Cell K of Table 1. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

b. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services. The total includes some beneficiaries with unknown basis of eligibility and some whose age categories are not consistent with basis of eligibility.

c. Please refer to footnote f of Table 1 for methodology used to determine nursing facility residence.

Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); CMS = Centers for Medicare & Medicaid Services; FFS = fee-for-service pharmacy benefit; MAX = Medicaid Analytic Extract; Rx = pharmacy benefit.

TABLE ND.3  
ANNUAL MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFICIARY, BY BENEFICIARY CHARACTERISTIC<sup>a, b</sup>  
NONDUAL BENEFICIARIES, NORTH DAKOTA, 2007

Beneficiary Characteristics	Percentage with at Least One Rx	Mean Number of Rx	Mean Rx \$	\$ per Rx	Mean \$, All Medicaid FFS \$ <sup>c</sup>	Rx \$ as a Percentage of All Medicaid FFS \$ <sup>d</sup>	Number of Beneficiaries
<b>All</b>	<b>62.1</b>	<b>7.8</b>	<b>\$486</b>	<b>\$62</b>	<b>\$3,943</b>	<b>12.3</b>	<b>57,938</b>
<b>Age</b>							
5 and younger	58.9	3.0	141	48	2,128	6.6	17,474
6-14	56.1	4.5	321	71	2,261	14.2	14,718
15-20	61.3	6.7	428	64	4,529	9.5	7,798
21-44	68.8	11.0	663	60	5,376	12.3	14,714
45-64	79.4	37.4	2,491	67	13,308	18.7	3,132
65-74	71.1	26.2	1,094	42	12,085	9.1	45
75-84	88.9	28.3	1,038	37	21,640	4.8	27
85 and older	66.7	24.7	960	39	26,524	3.6	30
Unknown	0.0	0.0	0	0	0	0.0	0
<b>Basis of Eligibility<sup>e</sup></b>							
Aged	76.9	27.5	1,070	39	19,964	5.4	91
Disabled	83.6	36.4	2,896	80	21,423	13.5	4,774
Adults	67.4	8.7	400	46	2,874	13.9	15,417
Children	57.2	3.8	215	57	2,126	10.1	37,656
Unknown	0.0	0.0	0	0	0	0.0	0
<b>Gender</b>							
Female	65.0	8.7	493	57	3,760	13.1	33,665
Male	58.2	6.5	477	73	4,197	11.4	24,271
Unknown	50.0	5.0	600	120	2,489	24.1	2
<b>Race</b>							
White	62.4	8.7	580	67	4,359	13.3	35,175
African American	59.6	4.9	250	51	2,179	11.5	2,013
Other/unknown	62.0	6.6	351	53	3,409	10.3	20,750
<b>Use of Nursing Facilities<sup>f</sup></b>							
Entire year	90.4	75.2	4,239	56	60,258	7.0	115
Part year	93.2	61.3	4,333	71	56,709	7.6	117
None	62.0	7.6	471	62	3,724	12.7	57,706
<b>Maintenance Assistance Status</b>							
Cash	64.6	10.6	707	66	5,051	14.0	25,866
Medically needy	57.3	10.0	684	69	9,815	7.0	4,658
Poverty related	51.7	2.7	139	52	1,170	11.9	12,773
Other/unknown	68.4	6.6	338	52	2,537	13.3	14,641

Source: Data for this table are from the MAX 2007 file for North Dakota, released by CMS in 5/2010. This table was produced on 10/06/2010.

a. Table ND.3 includes beneficiaries represented by Cell K of Table 1.

b. The Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.

c. In eight states (DE, IA, IL, NE, NY, TN, TX, and WV) the expenditures in this column include only Rx drug expenditures for those enrolled in capitated managed care plans, and not expenditures for other services covered by the plans or long-term-care services not covered by the plans. As a result, the amounts shown in this column for all Medicaid fee-for-service expenditures are lower than they would otherwise be.

d. In eight states (DE, IA, IL, NE, NY, TN, TX, and WV) the Rx share of expenditures for all Medicaid services shown in this column is higher than it would be if all expenditures for these other services, including services provided in capitated managed care plans and long-term-care services, were included.

e. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services.

f. Please refer to footnote f of Table 1 for methodology used to determine nursing facility residence.

Bene(s) = beneficiary (or beneficiaries); CMS = Centers for Medicare & Medicaid Services; FFS = fee-for-service; MAX = Medicaid Analytic Extract; OTC = over-the-counter; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.4  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC<sup>a, b</sup>  
 NONDUAL BENEFICIARIES, NORTH DAKOTA, 2007

Beneficiary Characteristics	Mean Number of Rx	Mean Rx \$	Number of Rx, Percentage with:							Mean \$, All Medicaid FFS <sup>d</sup>	Number	
			Rx \$ as a Percentage of All Medicaid FFS <sup>c</sup>	None	More than 0, but 1 or Less	More than 1, but 2 or Less	More than 2, but 5 or Less	More than 5, but 10 or Less	More than 10		Beneficiaries	Benefit Months
<b>All</b>	<b>0.9</b>	<b>\$59</b>	<b>12.3</b>	<b>37.9</b>	<b>47.3</b>	<b>6.3</b>	<b>5.8</b>	<b>2.2</b>	<b>0.5</b>	<b>\$476</b>	<b>57,938</b>	<b>479,884</b>
<b>Age</b>												
5 and younger	0.4	17	6.6	41.1	55.6	2.4	0.8	0.1	0.0	258	17,474	144,321
6-14	0.5	36	14.2	43.9	47.0	4.9	3.7	0.4	0.0	257	14,718	129,705
15-20	0.8	52	9.5	38.7	46.5	7.5	6.2	1.0	0.1	549	7,798	64,360
21-44	1.4	86	12.3	31.2	43.7	10.9	10.0	3.6	0.6	701	14,714	112,862
45-64	4.2	281	18.7	20.6	21.3	10.3	22.2	18.6	6.9	1,503	3,132	27,735
65-74	3.1	131	9.1	28.9	22.2	6.7	24.4	13.3	4.4	1,443	45	377
75-84	2.8	102	4.8	11.1	44.4	11.1	11.1	18.5	3.7	2,132	27	274
85 and older	3.0	115	3.6	33.3	16.7	6.7	26.7	13.3	3.3	3,183	30	250
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
<b>Basis of Eligibility<sup>e</sup></b>												
Aged	2.9	114	5.4	23.1	26.4	8.8	23.1	15.4	3.3	2,117	91	858
Disabled	3.6	285	13.5	16.4	26.4	12.0	23.2	16.4	5.6	2,106	4,774	48,575
Adults	1.2	54	13.9	32.6	45.7	10.4	8.5	2.6	0.3	389	15,417	113,991
Children	0.4	26	10.1	42.8	50.6	3.9	2.4	0.2	0.0	253	37,656	316,460
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
<b>Gender</b>												
Female	1.1	60	13.1	35.0	48.3	7.0	6.4	2.6	0.7	455	33,665	277,971
Male	0.8	57	11.4	41.8	46.0	5.3	5.0	1.6	0.4	505	24,271	201,903
Unknown	1.0	120	24.1	50.0	50.0	0.0	0.0	0.0	0.0	498	2	10
<b>Race</b>												
White	1.1	72	13.3	37.6	45.5	6.9	6.7	2.6	0.7	539	35,175	284,333
African American	0.6	31	11.5	40.4	50.1	4.9	3.6	0.9	0.1	273	2,013	16,093
Other/unknown	0.8	41	10.3	38.0	50.1	5.4	4.5	1.6	0.4	394	20,750	179,458
<b>Use of Nursing Facilities<sup>f</sup></b>												
Entire year	7.8	437	7.0	9.6	5.2	3.5	23.5	34.8	23.5	6,215	115	1,115
Part year	6.2	438	7.6	6.8	16.2	11.1	19.7	28.2	17.9	5,735	117	1,157
None	0.9	57	12.7	38.0	47.4	6.3	5.7	2.1	0.5	450	57,706	477,612
<b>Maintenance Assistance Status</b>												
Cash	1.2	82	14.0	35.4	45.9	6.7	7.4	3.6	1.0	587	25,866	222,487
Medically needy	1.4	96	7.0	42.7	35.6	7.9	9.0	4.1	0.8	1,381	4,658	33,101
Poverty related	0.4	20	11.9	48.3	46.3	3.7	1.6	0.1	0.0	164	12,773	91,163
Other/unknown	0.7	37	13.3	31.6	54.3	7.4	5.6	0.9	0.1	279	14,641	133,133

Source: Data for this table are from the MAX 2007 file for North Dakota, released by CMS in 5/2010. This table was produced on 10/06/2010.

- a. Table ND.4 includes the beneficiaries represented by Cell K of Table 1. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
  - b. The Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
  - c. In eight states (DE, IA, IL, NE, NY, TN, TX, and WV) the expenditures in this column include only Rx drug expenditures for those enrolled in capitated managed care plans, and not expenditures for other services covered by the plans or long-term-care services not covered by the plans. As a result, the amounts shown in this column for all Medicaid fee-for-service expenditures are lower than they would otherwise be.
  - d. In eight states (DE, IA, IL, NE, NY, TN, TX, and WV) the Rx share of expenditures for all Medicaid services shown in this column is higher than it would be if all expenditures for these other services, including services provided in capitated managed care plans and long-term-care services, were included.
  - e. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services.
  - f. Please refer to footnote f of Table 1 for methodology used to determine nursing facility residence.
- Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); CMS = Centers for Medicare & Medicaid Services; FFS = fee-for-service; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.5  
 AVERAGE MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BRAND STATUS AND BENEFICIARY CHARACTERISTIC<sup>a, b, c</sup>  
 NONDUAL BENEFICIARIES, NORTH DAKOTA, 2007

Beneficiary Characteristics	All Rx			Patented Brand-Name Drugs			Off-Patent Brand-Name Drugs			Generic Drugs		
	Number of Rx	Rx \$	\$ per Rx	Number of Rx	Rx \$	\$ per Rx	Number of Rx	Rx \$	\$ per Rx	Number of Rx	Rx \$	\$ per Rx
<b>All</b>	<b>0.9</b>	<b>\$59</b>	<b>\$62</b>	<b>0.3</b>	<b>\$42</b>	<b>\$149</b>	<b>0.0</b>	<b>\$3</b>	<b>\$87</b>	<b>0.6</b>	<b>\$13</b>	<b>\$21</b>
<b>Age</b>												
5 and younger	0.4	17	48	0.1	11	143	0.0	1	58	0.3	5	20
6-14	0.5	36	71	0.2	29	128	0.0	1	87	0.3	6	23
15-20	0.8	52	64	0.3	39	133	0.0	3	111	0.5	9	20
21-44	1.4	86	60	0.4	61	158	0.0	5	100	1.0	21	21
45-64	4.2	281	67	1.2	203	168	0.2	15	82	2.8	62	22
65-74	3.1	131	42	0.9	84	97	0.2	9	57	2.1	38	18
75-84	2.8	102	37	0.6	64	108	0.1	5	51	2.1	33	16
85 and older	3.0	115	39	0.7	70	96	0.1	6	51	2.1	37	18
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
<b>Basis of Eligibility<sup>d</sup></b>												
Aged	2.9	114	39	0.7	71	99	0.1	6	50	2.1	36	17
Disabled	3.6	285	80	1.2	217	183	0.2	15	95	2.2	53	24
Adults	1.2	54	46	0.3	34	129	0.0	3	90	0.9	16	19
Children	0.4	26	57	0.2	19	122	0.0	1	76	0.3	6	21
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
<b>Gender</b>												
Female	1.1	60	57	0.3	42	144	0.0	3	85	0.7	15	20
Male	0.8	57	73	0.3	44	157	0.0	3	91	0.5	11	23
Unknown	1.0	120	120	0.9	116	129	0.0	0	0	0.1	4	38
<b>Race</b>												
White	1.1	72	67	0.4	53	152	0.0	4	92	0.7	15	22
African American	0.6	31	51	0.2	22	120	0.0	2	90	0.4	7	18
Other/unknown	0.8	41	53	0.2	27	144	0.0	3	77	0.5	11	20
<b>Use of Nursing Facilities<sup>e</sup></b>												
Entire year	7.8	437	56	2.0	293	146	0.3	20	79	5.5	122	22
Part year	6.2	438	71	1.6	334	215	0.3	18	71	4.4	86	20
None	0.9	57	62	0.3	41	148	0.0	3	88	0.6	13	21
<b>Maintenance Assistance Status</b>												
Cash	1.2	82	66	0.4	60	163	0.0	4	90	0.8	18	22
Medically needy	1.4	96	69	0.5	72	154	0.1	6	85	0.9	19	22
Poverty related	0.4	20	52	0.1	13	120	0.0	1	75	0.2	5	20
Other/unknown	0.7	37	52	0.2	26	118	0.0	2	84	0.5	9	19

Source: Data for this table are from the MAX 2007 file for North Dakota, released by CMS in 5/2010. This table was produced on 10/06/2010.

a. Table ND.5 includes the beneficiaries represented by Cell K of Table 1. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

b. The Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.

c. Brand-name drugs, sometimes called "innovator single-source drugs," are drugs whose patents have not yet expired. Off-patent brand-name drugs, sometimes called "innovator multiple-source drugs," are brand-name drugs whose patents have expired. Generic drugs, sometimes called "non-innovator multiple-source drugs," are off-patent drugs manufactured and sold by companies other than the original patent holder. In North Dakota, 0.3 percent of drug claims have missing values for brand status. Thus, the sum of the three groups in this table may be smaller than all prescriptions

combined. For information about this classification method, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.

d. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services.

e. Please refer to footnote f of Table 1 for methodology used to determine nursing facility residence.

CMS = Centers for Medicare & Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.6  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY BRAND STATUS AND THERAPEUTIC CATEGORY<sup>a, b, c, d</sup>  
 NONDUAL BENEFICIARIES, NORTH DAKOTA, 2007

Therapeutic Category	Number of Rx per Benefit Month Among Users				\$ per Benefit Month Among Users				\$ per Rx				Users <sup>e</sup>				
	Total	Patented Brand-Name	Off-Patent Brand-Name	Generic	Total	Patented Brand-Name	Off-Patent Brand-Name	Generic	Total	Patented Brand-Name	Off-Patent Brand-Name	Generic	Total Number of Rx	Total Rx \$	Number of Users	As a Percentage of All Benes	Number of Benefit Months
Anti-infective Agents	0.3	0.0	0.0	0.2	\$9	\$3	\$1	\$5	\$37	\$184	\$81	\$23	63,586	\$2,326,976	25,017	43.2	251,146
Biologicals	0.2	0.2	0.0	0.0	199	199	0	0	903	903	0	0	608	549,221	274	0.5	2,760
Antineoplastic Agents	0.6	0.2	0.0	0.4	246	232	1	13	428	1,401	399	33	904	386,683	150	0.3	1,571
Endocrine/Metabolic Drugs	0.5	0.2	0.0	0.3	24	17	1	7	49	107	31	21	42,873	2,120,535	8,718	15.0	87,289
Cardiovascular Agents	1.0	0.2	0.1	0.8	33	18	4	11	32	95	57	14	44,060	1,409,594	4,231	7.3	43,105
Respiratory Agents	0.4	0.2	0.0	0.2	24	19	1	3	64	102	75	19	46,831	2,997,957	12,325	21.3	126,201
Gastrointestinal Agents	0.4	0.1	0.0	0.3	24	13	4	7	63	155	114	27	15,123	954,493	3,958	6.8	40,296
Genitourinary Agents	0.2	0.1	0.0	0.2	12	6	0	5	50	92	58	30	5,064	253,142	2,152	3.7	21,788
CNS Drugs	0.9	0.4	0.0	0.5	81	65	4	12	87	184	124	21	79,692	6,953,586	8,646	14.9	86,045
Stimulants/Anti-obesity/Anorexia	0.8	0.6	0.0	0.2	71	65	1	5	93	114	55	30	26,121	2,433,404	3,343	5.8	34,168
Miscellaneous Psychological/Neurological Agents	0.4	0.4	0.0	0.0	236	233	0	3	537	589	59	65	696	374,062	153	0.3	1,585
Analgesics and Anesthetics	0.5	0.0	0.0	0.4	16	7	0	9	35	211	58	21	51,114	1,772,569	10,957	18.9	108,088
Neuromuscular Agents	0.7	0.3	0.0	0.3	70	54	7	9	96	162	141	26	36,895	3,527,603	4,885	8.4	50,518
Nutritional Products	0.3	0.0	0.0	0.3	4	0	0	4	13	34	13	12	6,256	83,006	1,896	3.3	18,885
Hematological Agents	0.6	0.2	0.0	0.4	95	89	0	5	156	493	18	13	4,826	751,096	779	1.3	7,937
Topical Products	0.2	0.1	0.0	0.1	8	4	0	3	38	89	68	18	25,348	951,185	12,306	21.2	126,218
Miscellaneous Products	0.3	0.2	0.0	0.1	62	52	1	9	219	321	182	77	1,213	265,999	407	0.7	4,285
Unknown Therapeutic Category	0.2	0.0	0.0	0.0	15	0	0	0	85	0	0	0	825	69,929	427	0.7	4,579
<b>TOTAL NO. OF RX AND RX \$</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>452,035</b>	<b>28,181,040</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>

Source: Data for this table are from the MAX 2007 file for North Dakota, released by CMS in 5/2010. This table was produced on 10/06/2010.

- a. Table ND.6 includes the beneficiaries represented by Cell K of Table 1. A beneficiary who used drugs from two or more categories was counted as a user for each category. Therefore, the sum of users across categories may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
  - b. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
  - c. For information about these therapeutic categories, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.
  - d. Brand-name drugs, sometimes called "innovator single-source drugs," are drugs whose patents have not yet expired. Off-patent brand-name drugs, sometimes called "innovator multiple-source drugs," are brand-name drugs whose patents have expired. Generic drugs, sometimes called "non-innovator multiple-source drugs," are off-patent drugs manufactured and sold by companies other than the original patent holder. In North Dakota, 0.3 percent of drug claims have missing values for brand status. Thus, the sum of the three groups in this table may be smaller than all prescriptions combined.
  - e. For information about this classification method, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.
- f. A user is a beneficiary who had at least one prescription filled in a given therapeutic category during 2007.  
 Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); CMS = Centers for Medicare & Medicaid Services; CNS = Central Nervous System; MAX = Medicaid Analytic Extract; n.a. = not applicable; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.



TABLE ND.7  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY TOP 10 DRUG GROUP<sup>a, b, c</sup>  
 NONDUAL BENEFICIARIES, NORTH DAKOTA, 2007

Top 10 Drug Groups	Users			Among Users			
	Total Medicaid Rx \$	Number of Users	As a Percentage of All Beneficiaries	Number of Benefit Months	Number of Rx per Benefit Month	\$ per Rx	Rx \$ per Benefit Month
ANTIPSYCHOTICS	\$4,381,185	2,639	4.6	28,262	0.7	\$222	\$155
ANTICONVULSANT	3,252,968	3,593	6.2	38,081	0.7	120	85
STIMULANTS/ANTI-OBESITY/ANOREXIANTS	2,433,404	3,945	6.8	40,886	0.6	93	60
ANTIASTHMATIC	2,297,316	9,436	16.3	96,528	0.3	82	24
ANTIDEPRESSANTS	2,122,104	8,719	15.0	87,749	0.5	49	24
ANTIDIABETIC	1,152,918	2,069	3.6	21,062	0.7	82	55
ANALGESICS - Narcotic	1,014,412	13,646	23.6	137,317	0.3	27	7
ULCER DRUGS	709,737	3,775	6.5	38,548	0.4	50	18
DERMATOLOGICAL	605,981	8,858	15.3	93,184	0.2	42	7
ANTIHYPERTENSIVE	567,925	1,273	2.2	13,502	0.6	68	42
Total	18,537,950	57,953	n.a.	595,119	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2007 file for North Dakota, released by CMS in 5/2010. This table was produced on 10/06/2010.

a. Table ND.7 includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2007. A beneficiary who used drugs from two or more groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

b. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.

c. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 2007. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.

Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); CMS = Centers for Medicare & Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement; n.a. = not applicable.

Nondual Medicaid Beneficiaries

TABLE ND.7A  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR TOP 10 DRUG GROUPS COMBINED  
 AND FIRST AND SECOND GROUPS SEPARATELY, BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c</sup>  
 NONDUAL BENEFICIARIES, NORTH DAKOTA, 2007

Beneficiary Characteristics	All Top 10 Drug Groups				ANTIPSYCHOTICS				ANTICONVULSANT			
	Number of Rx	Rx \$	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month
<b>All</b>	<b>232,799</b>	<b>\$18,537,950</b>	<b>2,639</b>	<b>4.6</b>	<b>28,262</b>	<b>0.7</b>	<b>\$155</b>	<b>3,593</b>	<b>6.2</b>	<b>38,081</b>	<b>0.7</b>	<b>\$85</b>
<b>Female</b>												
All Females	142,069	10,216,582	1,340	4.0	14,337	0.6	135	2,262	6.7	23,627	0.7	76
<b>Female, Disabled</b>												
All Ages	57,500	5,133,694	668	27.0	7,471	0.8	189	954	38.6	10,596	0.8	101
5 and younger	371	29,291	0	0.0	0	0.0	0	12	13.8	130	0.6	51
6-14	1,546	177,290	26	13.8	295	0.6	96	51	27.0	566	0.8	148
15-20	2,401	213,759	50	26.3	547	0.6	108	84	44.2	938	0.9	90
21-44	16,618	1,721,288	259	32.0	2,940	0.8	207	355	43.8	3,918	0.9	116
45-64	36,494	2,989,138	333	28.0	3,689	0.8	194	450	37.8	5,029	0.8	88
65-74	70	2,928	0	0.0	0	0.0	0	2	40.0	15	0.7	7
75-84	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Female, Other Eligibles</b>												
All Ages	84,569	5,082,888	672	2.2	6,866	0.4	76	1,308	4.2	13,031	0.5	55
5 and younger	5,938	342,438	6	0.1	69	0.2	36	47	0.6	497	0.5	48
6-14	12,178	906,912	131	1.9	1,328	0.5	80	158	2.3	1,704	0.7	80
15-20	12,119	795,078	207	5.0	2,205	0.4	73	205	4.9	2,089	0.5	73
21-44	46,839	2,579,182	288	2.6	2,868	0.4	74	786	7.2	7,696	0.5	48
45-64	6,872	423,338	34	4.2	324	0.4	109	109	13.4	1,009	0.6	39
65-74	286	17,792	1	4.8	12	1.1	189	0	0.0	0	0.0	0
75-84	189	11,274	4	33.3	48	0.8	115	2	16.7	24	1.1	57
85 and older	148	6,874	1	4.2	12	0.3	4	1	4.2	12	0.9	25
<b>Male</b>												
All Males	90,720	8,320,169	1,299	5.4	13,925	0.8	176	1,331	5.5	14,454	0.8	101
<b>Male, Disabled</b>												
All Ages	40,850	4,457,008	635	27.6	7,096	0.9	240	756	32.8	8,517	0.9	124
5 and younger	649	53,985	3	2.1	23	0.4	89	24	16.4	266	0.6	68
6-14	4,606	517,809	99	30.3	1,116	0.8	161	96	29.4	1,098	0.8	112
15-20	4,226	508,788	104	36.5	1,171	0.8	200	79	27.7	911	1.0	107
21-44	13,841	1,869,834	260	33.5	2,919	1.0	290	326	42.0	3,692	1.1	173
45-64	17,527	1,506,515	169	22.2	1,867	0.9	237	231	30.3	2,550	0.8	69
65-74	1	77	0	0.0	0	0.0	0	0	0.0	0	0.0	0
75-84	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Male, Other Eligibles</b>												
All Ages	49,870	3,863,161	664	3.0	6,829	0.6	108	575	2.6	5,937	0.6	69
5 and younger	7,560	460,510	25	0.3	278	0.5	76	58	0.6	581	0.6	54
6-14	22,729	1,917,349	362	5.0	3,747	0.6	100	209	2.9	2,249	0.7	81
15-20	11,277	1,019,452	235	7.5	2,423	0.7	124	166	5.3	1,757	0.7	83
21-44	5,838	340,006	32	1.4	282	0.6	135	107	4.8	1,014	0.4	37
45-64	2,071	107,976	8	2.2	75	0.3	38	31	8.5	292	0.5	34
65-74	160	6,756	0	0.0	0	0.0	0	0	0.0	0	0.0	0
75-84	171	6,909	1	6.7	12	0.9	96	3	20.0	36	1.2	41
85 and older	64	4,203	1	16.7	12	1.2	175	1	16.7	8	0.6	6
<b>Unknown</b>	10	1,199	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Source: Data for this table are from the MAX 2007 file for North Dakota, released by CMS in 5/2010. This table was produced on 10/06/2010.  
 a. Table ND.7A includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2007. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.  
 b. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.

c. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 2007. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.  
Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Centers for Medicare & Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

Nondual Medicaid Beneficiaries

TABLE ND.7B  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR THIRD TO FIFTH TOP DRUG GROUPS SEPARATELY,  
 BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c</sup>  
 NONDUAL BENEFICIARIES, NORTH DAKOTA, 2007

Beneficiary Characteristics	STIMULANTS/ANTI-OBESITY/ANOREXIANTS					ANTIASTHMATIC					ANTIDEPRESSANTS				
	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month
<b>All</b>	<b>3,945</b>	<b>6.8</b>	<b>40,886</b>	<b>0.6</b>	<b>\$60</b>	<b>9,436</b>	<b>16.3</b>	<b>96,528</b>	<b>0.3</b>	<b>\$24</b>	<b>8,719</b>	<b>15.0</b>	<b>87,749</b>	<b>0.5</b>	<b>\$24</b>
<b>Female</b>															
All Females	1,442	4.3	15,086	0.6	57	5,351	15.9	54,765	0.3	25	6,490	19.3	64,753	0.5	25
<b>Female, Disabled</b>															
All Ages	165	6.7	1,814	0.7	67	1,155	46.7	12,780	0.4	44	1,485	60.1	16,388	0.7	35
5 and younger	3	3.4	36	0.6	12	52	59.8	566	0.2	31	0	0.0	0	0.0	0
6-14	46	24.3	502	0.7	69	57	30.2	641	0.2	30	29	15.3	324	0.4	10
15-20	28	14.7	296	0.7	55	52	27.4	565	0.3	24	77	40.5	808	0.6	27
21-44	53	6.5	593	0.6	64	343	42.3	3,816	0.4	38	480	59.3	5,268	0.6	34
45-64	35	2.9	387	0.7	83	651	54.7	7,192	0.5	51	895	75.1	9,958	0.7	38
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	4	80.0	30	0.6	24
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Female, Other Eligibles</b>															
All Ages	1,277	4.1	13,272	0.6	55	4,196	13.5	41,985	0.3	19	5,005	16.0	48,365	0.4	21
5 and younger	28	0.3	317	0.4	38	1,217	14.6	12,739	0.2	16	11	0.1	121	0.4	10
6-14	652	9.4	6,830	0.6	51	821	11.9	8,281	0.3	20	373	5.4	3,873	0.4	12
15-20	265	6.4	2,794	0.6	56	515	12.3	5,314	0.3	16	866	20.8	8,878	0.4	13
21-44	314	2.9	3,146	0.6	64	1,459	13.4	13,898	0.3	19	3,387	31.0	32,157	0.4	23
45-64	18	2.2	185	0.6	63	176	21.6	1,677	0.4	32	351	43.1	3,162	0.5	32
65-74	0	0.0	0	0.0	0	4	19.0	44	0.2	18	5	23.8	60	0.4	9
75-84	0	0.0	0	0.0	0	1	8.3	12	0.1	1	5	41.7	60	0.8	24
85 and older	0	0.0	0	0.0	0	3	12.5	20	0.2	5	7	29.2	54	0.7	9
<b>Male</b>															
All Males	2,502	10.3	25,791	0.7	61	4,085	16.8	41,763	0.3	23	2,229	9.2	22,996	0.5	23
<b>Male, Disabled</b>															
All Ages	307	13.3	3,444	0.8	79	633	27.5	7,054	0.5	44	798	34.7	8,894	0.7	31
5 and younger	5	3.4	60	0.3	36	70	47.9	777	0.4	34	4	2.7	48	0.2	3
6-14	162	49.5	1,820	0.9	78	96	29.4	1,120	0.4	36	77	23.5	884	0.6	17
15-20	91	31.9	1,026	0.8	86	54	18.9	617	0.6	44	91	31.9	1,046	0.7	36
21-44	41	5.3	442	0.8	73	141	18.1	1,566	0.4	33	298	38.4	3,242	0.6	30
45-64	8	1.0	96	0.5	66	272	35.7	2,974	0.6	56	327	42.9	3,673	0.7	33
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	20.0	1	1.0	77
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Male, Other Eligibles</b>															
All Ages	2,195	10.0	22,347	0.6	59	3,452	15.7	34,709	0.2	19	1,431	6.5	14,102	0.5	18
5 and younger	105	1.2	1,084	0.4	37	1,692	19.0	17,426	0.2	16	21	0.2	231	0.3	4
6-14	1,615	22.2	16,474	0.7	58	1,195	16.4	12,062	0.3	22	585	8.0	6,220	0.5	13
15-20	427	13.6	4,357	0.7	68	384	12.2	3,676	0.3	22	473	15.0	4,575	0.5	23
21-44	43	1.9	389	0.5	56	148	6.7	1,252	0.3	20	281	12.7	2,391	0.4	23
45-64	5	1.4	43	0.7	65	28	7.7	233	0.4	28	63	17.3	589	0.5	26
65-74	0	0.0	0	0.0	0	1	7.1	12	0.1	1	4	28.6	48	0.8	12
75-84	0	0.0	0	0.0	0	4	26.7	48	0.5	37	3	20.0	36	0.4	12
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	16.7	12	0.1	7
<b>Unknown</b>	<b>1</b>	<b>50.0</b>	<b>9</b>	<b>1.0</b>	<b>129</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>

Source: Data for this table are from the MAX 2007 file for North Dakota, released by CMS in 5/2010. This table was produced on 10/06/2010.

a. Table ND.7B includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2007. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

b. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.  
c. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 2007. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.  
Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Centers for Medicare & Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

Nondual Medicaid Beneficiaries

TABLE ND.7C  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR SIXTH TO EIGHTH TOP DRUG GROUPS SEPARATELY,  
 BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c</sup>  
 NONDUAL BENEFICIARIES, NORTH DAKOTA, 2007

Beneficiary Characteristics	ANTIDIABETIC					ANALGESICS - Narcotic					ULCER DRUGS				
	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month
<b>All</b>	<b>2,069</b>	<b>3.6</b>	<b>21,062</b>	<b>0.7</b>	<b>\$55</b>	<b>13,646</b>	<b>23.6</b>	<b>137,317</b>	<b>0.3</b>	<b>\$7</b>	<b>3,775</b>	<b>6.5</b>	<b>38,548</b>	<b>0.4</b>	<b>\$18</b>
<b>Female</b>															
All Females	1,461	4.3	14,906	0.6	52	10,648	31.6	107,321	0.3	7	2,685	8.0	27,512	0.3	17
<b>Female, Disabled</b>															
All Ages	710	28.7	7,853	0.7	61	1,703	68.9	19,006	0.4	16	788	31.9	8,763	0.5	28
5 and younger	0	0.0	0	0.0	0	11	12.6	130	0.1	1	18	20.7	197	0.4	19
6-14	2	1.1	24	0.5	30	27	14.3	308	0.1	1	18	9.5	181	0.4	13
15-20	8	4.2	77	0.6	63	65	34.2	737	0.1	1	25	13.2	276	0.4	22
21-44	137	16.9	1,493	0.6	45	576	71.1	6,370	0.4	13	230	28.4	2,557	0.5	30
45-64	562	47.2	6,252	0.8	65	1,023	85.9	11,454	0.5	19	495	41.6	5,536	0.6	28
65-74	1	20.0	7	1.4	100	1	20.0	7	0.1	1	2	40.0	16	0.9	63
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Female, Other Eligibles</b>															
All Ages	751	2.4	7,053	0.5	42	8,945	28.7	88,315	0.2	5	1,897	6.1	18,749	0.3	12
5 and younger	5	0.1	36	0.9	95	263	3.2	2,814	0.1	2	241	2.9	2,090	0.3	14
6-14	27	0.4	255	0.7	64	361	5.2	3,831	0.1	2	131	1.9	1,418	0.2	11
15-20	58	1.4	555	0.5	51	1,270	30.4	12,856	0.2	2	268	6.4	2,772	0.2	6
21-44	501	4.6	4,783	0.5	37	6,545	60.0	64,020	0.3	5	1,094	10.0	10,806	0.3	13
45-64	147	18.0	1,284	0.6	48	488	59.9	4,613	0.4	12	145	17.8	1,481	0.4	18
65-74	9	42.9	92	0.9	62	4	19.0	48	0.1	4	9	42.9	82	0.8	35
75-84	4	33.3	48	0.4	8	6	50.0	72	0.2	7	4	33.3	48	0.3	4
85 and older	0	0.0	0	0.0	0	8	33.3	61	0.7	68	5	20.8	52	0.6	10
<b>Male</b>															
All Males	608	2.5	6,156	0.7	62	2,998	12.4	29,996	0.3	10	1,090	4.5	11,036	0.4	21
<b>Male, Disabled</b>															
All Ages	375	16.3	4,171	0.8	65	855	37.1	9,301	0.4	19	432	18.8	4,838	0.6	28
5 and younger	0	0.0	0	0.0	0	16	11.0	174	0.2	3	11	7.5	96	0.5	21
6-14	3	0.9	31	1.2	60	27	8.3	310	0.1	2	27	8.3	314	0.5	29
15-20	0	0.0	0	0.0	0	46	16.1	502	0.2	3	24	8.4	288	0.4	13
21-44	73	9.4	814	0.7	54	270	34.7	2,989	0.3	13	134	17.2	1,532	0.6	34
45-64	299	39.2	3,326	0.8	67	496	65.1	5,326	0.5	26	236	31.0	2,608	0.7	27
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Male, Other Eligibles</b>															
All Ages	233	1.1	1,985	0.7	57	2,143	9.8	20,695	0.2	5	658	3.0	6,198	0.3	15
5 and younger	0	0.0	0	0.0	0	369	4.1	3,875	0.1	1	265	3.0	2,313	0.3	16
6-14	22	0.3	180	0.9	108	311	4.3	3,356	0.1	1	99	1.4	1,102	0.2	10
15-20	40	1.3	339	0.6	65	507	16.1	5,105	0.1	2	107	3.4	1,086	0.3	13
21-44	106	4.8	875	0.6	47	776	35.0	6,651	0.3	10	136	6.1	1,227	0.3	18
45-64	59	16.2	524	0.7	49	169	46.4	1,598	0.5	14	39	10.7	353	0.4	22
65-74	3	21.4	36	1.0	86	4	28.6	40	0.2	2	4	28.6	40	0.8	14
75-84	0	0.0	0	0.0	0	5	33.3	50	0.3	3	6	40.0	57	0.7	13
85 and older	3	50.0	31	0.9	55	2	33.3	20	0.1	1	2	33.3	20	0.5	8
<b>Unknown</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>

Source: Data for this table are from the MAX 2007 file for North Dakota, released by CMS in 5/2010. This table was produced on 10/06/2010.

a. Table ND.7C includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2007. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

b. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.  
c. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 2007. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.  
Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Centers for Medicare & Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

Nondual Medicaid Beneficiaries

TABLE ND.7D  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR NINTH AND TENTH TOP DRUG GROUPS  
 SEPARATELY, BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c</sup>  
 NONDUAL BENEFICIARIES, NORTH DAKOTA, 2007

Beneficiary Characteristics	DERMATOLOGICAL					ANTIHYPERTENSIVE					Number of Beneficiaries	Number of Benefit Months
	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month		
<b>All</b>	<b>8,858</b>	<b>15.3</b>	<b>93,184</b>	<b>0.2</b>	<b>\$7</b>	<b>1,273</b>	<b>2.2</b>	<b>13,502</b>	<b>0.6</b>	<b>\$42</b>	<b>57,938</b>	<b>479,884</b>
<b>Female</b>												
All Females	5,490	16.3	57,605	0.2	7	784	2.3	8,348	0.6	42	33,665	277,971
<b>Female, Disabled</b>												
All Ages	863	34.9	9,895	0.2	8	528	21.4	5,938	0.7	47	2,472	25,318
5 and younger	36	41.4	412	0.1	2	0	0.0	0	0.0	0	87	873
6-14	58	30.7	664	0.2	7	0	0.0	0	0.0	0	189	1,964
15-20	61	32.1	688	0.2	10	0	0.0	0	0.0	0	190	1,943
21-44	305	37.7	3,500	0.2	8	84	10.4	912	0.6	39	810	8,352
45-64	400	33.6	4,610	0.2	8	442	37.1	5,012	0.7	49	1,191	12,166
65-74	3	60.0	21	0.5	5	2	40.0	14	0.4	20	5	20
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
<b>Female, Other Eligibles</b>												
All Ages	4,627	14.8	47,710	0.1	6	256	0.8	2,410	0.5	29	31,193	252,653
5 and younger	1,555	18.7	16,074	0.1	4	6	0.1	68	0.1	1	8,314	68,807
6-14	871	12.6	9,409	0.1	7	0	0.0	0	0.0	0	6,923	60,664
15-20	659	15.8	6,970	0.2	8	2	0.0	24	0.5	41	4,172	34,132
21-44	1,419	13.0	14,066	0.2	8	139	1.3	1,351	0.4	24	10,912	82,621
45-64	109	13.4	1,046	0.2	7	95	11.7	812	0.6	36	815	5,899
65-74	7	33.3	66	0.2	3	10	47.6	107	0.7	49	21	209
75-84	3	25.0	36	0.1	2	3	25.0	36	0.7	51	12	129
85 and older	4	16.7	43	0.2	2	1	4.2	12	0.8	98	24	192
<b>Male</b>												
All Males	3,367	13.9	35,570	0.2	6	489	2.0	5,154	0.6	42	24,271	201,903
<b>Male, Disabled</b>												
All Ages	644	28.0	7,407	0.2	10	350	15.2	3,881	0.7	46	2,302	23,257
5 and younger	47	32.2	507	0.1	4	0	0.0	0	0.0	0	146	1,473
6-14	84	25.7	982	0.2	6	1	0.3	12	0.3	24	327	3,587
15-20	102	35.8	1,174	0.2	15	1	0.4	12	1.0	75	285	2,955
21-44	211	27.2	2,454	0.2	10	84	10.8	959	0.8	44	777	8,016
45-64	200	26.2	2,290	0.2	11	264	34.6	2,898	0.7	47	762	7,209
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	5	17
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
<b>Male, Other Eligibles</b>												
All Ages	2,723	12.4	28,163	0.1	5	139	0.6	1,273	0.5	29	21,969	178,646
5 and younger	1,450	16.2	15,029	0.1	4	15	0.2	144	0.1	3	8,926	73,167
6-14	657	9.0	7,005	0.1	5	3	0.0	35	0.3	35	7,278	63,481
15-20	452	14.3	4,628	0.2	10	4	0.1	39	0.5	14	3,151	25,330
21-44	135	6.1	1,203	0.2	9	60	2.7	544	0.5	34	2,215	13,873
45-64	19	5.2	193	0.2	5	51	14.0	448	0.5	30	364	2,461
65-74	2	14.3	24	0.1	1	5	35.7	51	0.9	48	14	131
75-84	6	40.0	57	0.1	3	1	6.7	12	0.9	88	15	145
85 and older	2	33.3	24	0.2	4	0	0.0	0	0.0	0	6	58
<b>Unknown</b>	<b>1</b>	<b>50.0</b>	<b>9</b>	<b>0.1</b>	<b>4</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>2</b>	<b>10</b>

Source: Data for this table are from the MAX 2007 file for North Dakota, released by CMS in 5/2010. This table was produced on 10/06/2010.

a. Table ND.7D includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2007. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.



b. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.  
c. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 2007. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.  
Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Centers for Medicare & Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy; \$ = Medicaid reimbursement.

Nondual Medicaid Beneficiaries

TABLE ND.8  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,  
 BY BENEFICIARY CHARACTERISTIC<sup>a, b</sup>  
 NONDUAL BENEFICIARIES, NORTH DAKOTA, 2007

Beneficiary Characteristics	Rx \$ per Benefit Month	Number of Rx per Benefit Month	Number of All-Year Nursing Benefit Months Among All-Year	
			Facility Residents	Nursing Facility Residents
<b>All</b>	<b>\$437</b>	<b>7.8</b>	<b>115</b>	<b>1,115</b>
<b>Age</b>				
0-64	536	9.0	84	824
65-74	272	7.6	5	44
75-84	201	5.2	7	73
85 and older	108	3.1	19	174
Unknown	0	0.0	0	0
<b>Gender</b>				
Female	410	7.7	70	694
Male	482	7.8	45	421
Unknown	0	0.0	0	0
<b>Race</b>				
White	420	7.5	93	889
African American	0	0	0	0
Other/unknown	504	8.9	22	226
<b>Basis of Eligibility<sup>c</sup></b>				
Aged	152	4.1	29	283
Disabled	534	9.0	86	832
Adults	0	0.0	0	0
Children	0	0.0	0	0
Unknown	0	0.0	0	0

Source: Data for this table are from the MAX 2007 file for North Dakota, released by CMS in 5/2010. This table was produced on 10/06/2010.

a. Table ND.8 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their 2007 Medicaid enrollment. A total of 117 beneficiaries who were in nursing facilities for part of their enrollment and their 1,157 benefit months were excluded from the analysis. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

b. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.

c. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services.

Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); CMS = Centers for Medicare & Medicaid Services; MAX = Medicaid Analytic Extract; NF = nursing facility; Rx = prescription(s) or pharmacy; \$ = Medicaid reimbursement.

Nondual Medicaid Beneficiaries

**TABLE ND.9**  
**MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,**  
**BY BRAND STATUS AND THERAPEUTIC CATEGORY<sup>a, b, c, d, e</sup>**  
**NONDUAL BENEFICIARIES, NORTH DAKOTA, 2007**

Therapeutic Category	Number of Rx per Benefit Month Among Users			\$ per Benefit Month Among Users			\$ per Rx			Users			Number of Benefit Months				
	Total	Patented Brand-Name	Off-Patent Brand-Name Generic	Total	Patented Brand-Name	Off-Patent Brand-Name Generic	Total	Patented Brand-Name	Off-Patent Brand-Name Generic	Total Number of Rx	Total Rx \$	Number of Users		As a Percentage of All-Year Nursing Facility Residents			
Anti-infective Agents	0.4	0.1	0.0	0.4	\$15	\$7	\$1	\$7	\$33	\$78	\$319	\$19	348	\$11,629	74	64.3	774
Biologicals	0.2	0.2	0.0	0.0	21	21	0	0	127	127	0	0	4	508	2	1.7	24
Antineoplastic Agents	0.6	0.1	0.0	0.5	106	67	0	39	192	1,274	0	78	21	4,031	4	3.5	38
Endocrine/Metabolic Drugs	1.5	0.6	0.0	0.9	77	68	0	10	53	111	0	11	799	42,157	52	45.2	545
Cardiovascular Agents	2.2	0.2	0.1	1.8	52	19	7	26	24	85	53	14	1,650	39,182	71	61.7	758
Respiratory Agents	0.9	0.5	0.1	0.2	104	80	18	6	122	146	172	31	319	38,796	34	29.6	374
Gastrointestinal Agents	0.9	0.1	0.1	0.7	43	20	6	16	47	150	115	23	497	23,376	54	47.0	547
Genitourinary Agents	0.8	0.4	0.1	0.3	41	28	4	9	50	75	28	30	225	11,312	24	20.9	275
CNS Drugs	2.2	0.7	0.0	1.4	154	119	1	34	72	169	103	24	1,918	137,656	86	74.8	891
Stimulants/Anti-obesity/Anorexia	0.7	0.6	0.0	0.2	65	64	0	1	87	109	0	8	38	3,321	5	4.3	51
Miscellaneous Psychological/Neurological Agents	0.8	0.8	0.0	0.0	83	83	0	0	109	109	0	0	64	6,980	9	7.8	84
Analgesics and Anesthetics	1.2	0.1	0.0	1.1	87	39	0	48	75	556	9	44	659	49,169	56	48.7	563
Neuromuscular Agents	1.9	0.6	0.1	1.2	143	103	5	35	77	169	68	30	1,169	89,832	58	50.4	627
Nutritional Products	0.8	0.0	0.0	0.8	10	0	0	9	13	29	0	12	290	3,648	37	32.2	369
Hematological Agents	1.1	0.2	0.0	0.9	44	32	0	12	41	204	0	13	303	12,281	26	22.6	282
Topical Products	0.5	0.1	0.0	0.3	19	11	2	7	39	76	51	21	299	11,637	56	48.7	597
Miscellaneous Products	0.2	0.0	0.0	0.2	1	0	0	1	5	0	0	5	7	37	4	3.5	32
Unknown Therapeutic Category	0.3	0.0	0.0	0.0	16	0	0	0	55	0	0	0	35	1,919	12	10.4	123
<b>TOTAL NO. OF RX AND RX \$</b>	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	8,645	487,471	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2007 file for North Dakota, released by CMS in 5/2010. This table was produced on 10/06/2010.

a. Table ND.9 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2007. A total of 117 beneficiaries who were in nursing facilities for part of their enrollment and their 1,157 benefit months were excluded from the analysis.

b. A user is a beneficiary who had at least one prescription filled in a given therapeutic category during 2007. A beneficiary who used drugs from two or more categories was counted as a user for each category. Therefore, the sum of users across categories may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

c. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.

d. For information about these therapeutic categories, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.

e. Brand-name drugs, sometimes called "innovator single-source drugs," are drugs whose patents have not yet expired. Off-patent brand-name drugs, sometimes called "innovator multiple-source drugs," are brand-name drugs whose patents have expired. Generic drugs, sometimes called "non-innovator multiple-source drugs," are off-patent drugs manufactured and sold by companies other than the original patent holder. For information about this classification method, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.

In North Dakota, 0.3 percent of drug claims have missing values for brand status. Thus, the sum of the three groups in this table may be smaller than all prescriptions combined.

Bene Mo(s) = benefit month(s); CMS = Centers for Medicare & Medicaid Services; CNS = Central Nervous System; MAX = Medicaid Analytic Extract; n.a. = not applicable; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.10  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR TOP 10 DRUG GROUPS AMONG ALL-YEAR NURSING FACILITY RESIDENTS,  
 BY TOP-10 DRUG GROUP<sup>a, b, c, d</sup>  
 NONDUAL BENEFICIARIES, NORTH DAKOTA, 2007

Top 10 Drug Groups in Nursing Facilities	Total Medicaid Rx \$	Users			Among Users			
		Number of Users	As a Percentage of All-Year Nursing Facility Residents	Number of Benefit Months	Number of Rx per Benefit Month	\$ per Rx	Rx \$ per Benefit Month	
ANTIPSYCHOTICS	\$98,988	48	41.7	539	1.0	\$177	\$184	
ANTICONVULSANT	82,015	66	57.4	717	1.2	92	114	
ANTIASTHMATIC	37,384	35	30.4	381	0.7	132	98	
ANTIDIABETIC	33,569	42	36.5	461	1.2	63	73	
ANTIDEPRESSANTS	32,538	92	80.0	976	1.0	34	33	
ANALGESICS - Narcotic	24,964	65	56.5	656	0.8	50	38	
ANALGESICS - ANTI-INFLAMMATORY	23,546	16	13.9	176	0.6	226	134	
ULCER DRUGS	19,542	58	50.4	601	0.8	42	33	
ANTIHYPERTENSIVE	12,717	25	21.7	282	0.9	48	45	
ANTICOAGULANTS	9,272	24	20.9	251	0.9	43	37	
Total	374,535	471	n.a.	5,040	n.a.	n.a.	n.a.	

Source: Data for this table are from the MAX 2007 file for North Dakota, released by CMS in 5/2010. This table was produced on 10/06/2010.

- a. Table ND.10 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2007. A total of 117 beneficiaries who were in nursing facilities for part of their enrollment and their 1,157 benefit months were excluded from the analysis.
- b. A user is a beneficiary who had at least one prescription filled in a given drug group during 2007. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
- c. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
- d. The top 10 drug groups were determined based on total 2007 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.  
 Bene Mo(s) = benefit month(s); CMS = Centers for Medicare & Medicaid Services; MAX = Medicaid Analytic Extract; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement; n.a. = not applicable.

Nondual Medicaid Beneficiaries

TABLE ND.10A  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR TOP 10 DRUG GROUPS COMBINED AND FIRST  
 AND SECOND TOP DRUG GROUPS SEPARATELY AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c, d</sup>  
 NONDUAL BENEFICIARIES, NORTH DAKOTA, 2007

Beneficiary Characteristics	All Top 10 Drug Groups				ANTIPSYCHOTICS				ANTICONVULSANT			
	Number of Rx	Rx \$	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$
<b>All</b>	<b>4,786</b>	<b>\$374,535</b>	<b>48</b>	<b>41.7</b>	<b>539</b>	<b>1.0</b>	<b>\$184</b>	<b>66</b>	<b>57.4</b>	<b>717</b>	<b>1.2</b>	<b>\$114</b>
<b>Female</b>												
All Females	2,796	218,381	24	34.3	263	0.9	153	36	51.4	402	1.2	128
<b>Female, Disabled</b>												
All Ages	2,542	202,611	21	42.0	227	0.9	155	34	68.0	378	1.2	132
64 or younger	2,517	201,506	21	42.9	227	0.9	155	33	67.3	371	1.2	135
65-74	25	1,105	0	0.0	0	0.0	0	1	100.0	7	0.9	7
75-84	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Female, Other Eligibles</b>												
All Ages	254	15,770	3	15.0	36	0.8	138	2	10.0	24	1.3	68
64 or younger	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
65-74	89	5,334	1	50.0	12	1.1	189	0	0.0	0	0.0	0
75-84	57	4,883	1	33.3	12	1.1	223	1	33.3	12	1.8	110
85 and older	108	5,553	1	6.7	12	0.3	4	1	6.7	12	0.9	25
<b>Male</b>												
All Males	1,990	156,154	24	53.3	276	1.2	213	30	66.7	315	1.3	97
<b>Male, Disabled</b>												
All Ages	1,803	147,137	22	61.1	252	1.2	220	27	75.0	283	1.3	103
64 or younger	1,803	147,137	22	62.9	252	1.2	220	27	77.1	283	1.3	103
65-74	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
75-84	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Male, Other Eligibles</b>												
All Ages	187	9,017	2	22.2	24	1.0	135	3	33.3	32	1.1	44
64 or younger	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
65-74	39	591	0	0.0	0	0.0	0	0	0.0	0	0.0	0
75-84	94	4,492	1	25.0	12	0.9	96	2	50.0	24	1.3	57
85 and older	54	3,934	1	25.0	12	1.2	175	1	25.0	8	0.6	6
<b>Unknown</b>	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Source: Data for this table are from the MAX 2007 file for North Dakota, released by CMS in 5/2010. This table was produced on 10/06/2010.

a. Table ND.10A includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2007. A total of 117 beneficiaries who were in nursing facilities for part of their enrollment and their 1,157 benefit months were excluded from the analysis.

b. A user is a beneficiary who had at least one prescription filled in a given drug group during 2007. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

c. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.

d. The top 10 drug groups were determined based on total 2007 Medicaid reimbursement for all-year nursing facility residents in this state.

For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.

Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Centers for Medicare & Medicaid Services; MAX = Medicaid Analytic Extract; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.10B  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR THIRD TO FIFTH TOP DRUG GROUPS SEPARATELY  
 AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c, d</sup>  
 NONDUAL BENEFICIARIES, NORTH DAKOTA, 2007

Beneficiary Characteristics	ANTIASTHMATIC					ANTIDIABETIC					ANTIDEPRESSANTS				
	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$
<b>All</b>	<b>35</b>	<b>30.4</b>	<b>381</b>	<b>0.7</b>	<b>\$98</b>	<b>42</b>	<b>36.5</b>	<b>461</b>	<b>1.2</b>	<b>\$73</b>	<b>92</b>	<b>80.0</b>	<b>976</b>	<b>1.0</b>	<b>\$33</b>
<b>Female</b>															
All Females	26	37.1	283	0.8	102	26	37.1	279	1.2	67	55	78.6	570	1.0	27
<b>Female, Disabled</b>															
All Ages	23	46.0	247	0.9	115	24	48.0	255	1.2	73	47	94.0	485	1.0	29
64 or younger	23	46.9	247	0.9	115	23	46.9	248	1.2	72	45	91.8	471	1.0	30
65-74	0	0.0	0	0.0	0	1	100.0	7	1.4	100	2	200.0	14	0.1	5
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Female, Other Eligibles</b>															
All Ages	3	15.0	36	0.2	18	2	10.0	24	0.6	9	8	40.0	85	0.7	15
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
65-74	1	50.0	12	0.5	52	2	100.0	24	0.6	9	2	100.0	24	0.6	6
75-84	1	33.3	12	0.1	1	0	0.0	0	0.0	0	2	66.7	24	0.9	36
85 and older	1	6.7	12	0.1	1	0	0.0	0	0.0	0	4	26.7	37	0.6	7
<b>Male</b>															
All Males	9	20.0	98	0.6	86	16	35.6	182	1.1	82	37	82.2	406	1.0	42
<b>Male, Disabled</b>															
All Ages	7	19.4	74	0.7	111	14	38.9	162	1.1	82	35	97.2	382	1.0	44
64 or younger	7	20.0	74	0.7	111	14	40.0	162	1.1	82	35	100.0	382	1.0	44
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Male, Other Eligibles</b>															
All Ages	2	22.2	24	0.1	11	2	22.2	20	1.3	81	2	22.2	24	1.0	17
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
65-74	1	100.0	12	0.1	1	0	0.0	0	0.0	0	1	100.0	12	1.1	10
75-84	1	25.0	12	0.2	20	0	0.0	0	0.0	0	1	25.0	12	1.0	24
85 and older	0	0.0	0	0.0	0	2	50.0	20	1.3	81	0	0.0	0	0.0	0
<b>Unknown</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>

Source: Data for this table are from the MAX 2007 file for North Dakota, released by CMS in 5/2010. This table was produced on 10/06/2010.

a. Table ND.10B includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2007. A total of 117 beneficiaries who were in nursing facilities for part of their enrollment and their 1,157 benefit months were excluded from the analysis.

b. A user is a beneficiary who had at least one prescription filled in a given drug group during 2007. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

c. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.

d. The top 10 drug groups were determined based on total 2007 Medicaid reimbursement for all-year nursing facility residents in this state.

For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.

Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Centers for Medicare & Medicaid Services; MAX = Medicaid Analytic

Extract; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.10C  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR SIXTH TO EIGHTH TOP DRUG GROUPS SEPARATELY  
 AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c, d</sup>  
 NONDUAL BENEFICIARIES, NORTH DAKOTA, 2007

Beneficiary Characteristics	ANALGESICS - Narcotic						ANALGESICS - ANTI-INFLAMMATORY					ULCER DRUGS				
	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$		Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$
<b>All</b>	<b>65</b>	<b>56.5</b>	<b>656</b>	<b>0.8</b>	<b>\$38</b>		<b>16</b>	<b>13.9</b>	<b>176</b>	<b>0.6</b>	<b>\$134</b>	<b>58</b>	<b>50.4</b>	<b>601</b>	<b>0.8</b>	<b>\$33</b>
<b>Female</b>																
All Females	38	54.3	388	0.8	39		11	15.7	132	0.7	176	37	52.9	385	0.8	33
<b>Female, Disabled</b>																
All Ages	34	68.0	356	0.8	31		10	20.0	120	0.6	190	31	62.0	313	0.8	37
64 or younger	33	67.3	349	0.8	32		10	20.4	120	0.6	190	31	63.3	313	0.8	37
65-74	1	100.0	7	0.1	1		0	0.0	0	0.0	0	0	0.0	0	0.0	0
75-84	0	0.0	0	0.0	0		0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0		0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Female, Other Eligibles</b>																
All Ages	4	20.0	32	0.9	126		1	5.0	12	1.0	30	6	30.0	72	0.6	15
64 or younger	0	0.0	0	0.0	0		0	0.0	0	0.0	0	0	0.0	0	0.0	0
65-74	0	0.0	0	0.0	0		0	0.0	0	0.0	0	2	100.0	24	0.6	23
75-84	0	0.0	0	0.0	0		0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	4	26.7	32	0.9	126		1	6.7	12	1.0	30	4	26.7	48	0.6	10
<b>Male</b>																
All Males	27	60.0	268	0.7	36		5	11.1	44	0.4	8	21	46.7	216	0.7	32
<b>Male, Disabled</b>																
All Ages	22	61.1	212	0.8	46		5	13.9	44	0.4	8	16	44.4	171	0.7	37
64 or younger	22	62.9	212	0.8	46		5	14.3	44	0.4	8	16	45.7	171	0.7	37
65-74	0	0.0	0	0.0	0		0	0.0	0	0.0	0	0	0.0	0	0.0	0
75-84	0	0.0	0	0.0	0		0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0		0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Male, Other Eligibles</b>																
All Ages	5	55.6	56	0.3	2		0	0.0	0	0.0	0	5	55.6	45	0.8	14
64 or younger	0	0.0	0	0.0	0		0	0.0	0	0.0	0	0	0.0	0	0.0	0
65-74	0	0.0	0	0.0	0		0	0.0	0	0.0	0	1	100.0	12	1.1	16
75-84	4	100.0	48	0.3	2		0	0.0	0	0.0	0	2	50.0	13	0.9	22
85 and older	1	25.0	8	0.1	1		0	0.0	0	0.0	0	2	50.0	20	0.5	8
<b>Unknown</b>	0	0.0	0	0.0	0		0	0.0	0	0.0	0	0	0.0	0	0.0	0

Source: Data for this table are from the MAX 2007 file for North Dakota, released by CMS in 5/2010. This table was produced on 10/06/2010.

a. Table ND.10C includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2007. A total of 117 beneficiaries who were in nursing facilities for part of their enrollment and their 1,157 benefit months were excluded from the analysis.

b. A user is a beneficiary who had at least one prescription filled in a given drug group during 2007. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

c. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.

d. The top 10 drug groups were determined based on total 2007 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.

Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Centers for Medicare & Medicaid Services; MAX = Medicaid Analytic Extract; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.10D  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR NINTH AND TENTH TOP DRUG GROUPS  
 SEPARATELY AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a</sup>, b, c, d  
 NONDUAL BENEFICIARIES, NORTH DAKOTA, 2007

Beneficiary Characteristics	ANTHYPERLIPIDEMIC					ANTICOAGULANTS					All-Year Nursing Facility Residents	Benefit Months Among All- Year Nursing Facility Residents
	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$		
<b>All</b>	<b>25</b>	<b>21.7</b>	<b>282</b>	<b>0.9</b>	<b>\$45</b>	<b>24</b>	<b>20.9</b>	<b>251</b>	<b>0.9</b>	<b>\$37</b>	<b>115</b>	<b>1,115</b>
<b>Female</b>												
All Females	15	21.4	163	0.9	41	18	25.7	184	0.6	31	70	694
<b>Female, Disabled</b>												
All Ages	12	24.0	127	0.9	41	17	34.0	172	0.7	33	50	495
64 or younger	10	20.4	113	1.0	44	17	34.7	172	0.7	33	49	488
65-74	2	200.0	14	0.4	20	0	0.0	0	0.0	0	1	7
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
<b>Female, Other Eligibles</b>												
All Ages	3	15.0	36	0.7	42	1	5.0	12	0.1	5	20	199
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
65-74	3	150.0	36	0.7	42	0	0.0	0	0.0	0	2	24
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	3	36
85 and older	0	0.0	0	0.0	0	1	6.7	12	0.1	5	15	139
<b>Male</b>												
All Males	10	22.2	119	1.0	50	6	13.3	67	1.4	52	45	421
<b>Male, Disabled</b>												
All Ages	8	22.2	95	1.1	49	6	16.7	67	1.4	52	36	337
64 or younger	8	22.9	95	1.1	49	6	17.1	67	1.4	52	35	336
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	1
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
<b>Male, Other Eligibles</b>												
All Ages	2	22.2	24	1.0	55	0	0.0	0	0.0	0	9	84
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
65-74	1	100.0	12	1.0	22	0	0.0	0	0.0	0	1	12
75-84	1	25.0	12	0.9	88	0	0.0	0	0.0	0	4	37
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	4	35
<b>Unknown</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Source: Data for this table are from the MAX 2007 file for North Dakota, released by CMS in 5/2010. This table was produced on 10/06/2010.

a. Table ND.10D includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2007. A total of 117 beneficiaries who were in nursing facilities for part of their enrollment and their 1,157 benefit months were excluded from the analysis.

b. A user is a beneficiary who had at least one prescription filled in a given drug group during 2007. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

c. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state. d. The top 10 drug groups were determined based on total 2007 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.

Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Centers for Medicare & Medicaid Services; MAX = Medicaid Analytic Extract; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.



TABLE ND.11  
USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D  
AMONG NONDUALS, BY BENEFICIARY CHARACTERISTIC<sup>a,b</sup>  
NORTH DAKOTA, 2007

Beneficiary Characteristics	Number of Beneficiaries with at Least One Part D Excluded Rx	Percentage of Beneficiaries with at Least One Part D Excluded Rx	Number of Part D Excluded Rx per Beneficiary	Total Number Part D Excluded Rx	Part D Excluded Rx \$ per Beneficiary	Total Part D Excluded Rx \$	\$ per Part D Excluded Rx	Part D Excluded Rx \$ as a Percentage of All Nondual Rx \$	Total Number of Beneficiaries	
<b>All</b>	<b>11,241</b>	<b>19.4</b>	<b>0.7</b>	<b>42,053</b>	<b>\$10</b>	<b>\$560,396</b>	<b>\$13</b>	<b>2.0</b>	<b>57,938</b>	
<b>Age</b>										
5 and younger	2,792	16.0	0.4	6,163	3	58,572	10	2.4	17,474	
6-14	1,970	13.4	0.3	4,000	3	45,570	11	1.0	14,718	
15-20	1,291	16.6	0.4	3,174	6	48,676	15	1.5	7,798	
21-44	3,713	25.2	1.0	14,687	14	203,340	14	2.1	14,714	
45-64	1,425	45.5	4.4	13,665	64	199,926	15	2.6	3,132	
65-74	21	46.7	3.6	161	49	2,195	14	4.5	45	
75-84	17	63.0	4.6	123	42	1,131	9	4.0	27	
85 and older	12	40.0	2.7	80	33	986	12	3.4	30	
Unknown	0	0.0	0.0	0	0	0	0	0.0	0	
<b>Basis of Eligibility<sup>c</sup></b>										
Aged	48	52.7	3.8	348	46	4,149	12	4.3	91	
Disabled	2,071	43.4	3.8	18,274	58	275,839	15	2.0	4,774	
Adults	3,635	23.6	0.8	11,984	10	157,048	13	2.5	15,417	
Children	5,487	14.6	0.3	11,447	3	123,360	11	1.5	37,656	
Unknown	0	0.0	0.0	0	0	0	0	0.0	0	
<b>Gender</b>										
Female	7,414	22.0	0.9	28,658	11	384,686	13	2.3	33,665	
Male	3,827	15.8	0.6	13,395	7	175,710	13	1.5	24,271	
Unknown	0	0.0	0.0	0	0	0	0	0.0	2	
<b>Race</b>										
White	5,801	16.5	0.7	24,340	10	355,470	15	1.7	35,175	
African American	494	24.5	0.6	1,230	6	11,457	9	2.3	2,013	
Other/unknown	4,946	23.8	0.8	16,483	9	193,469	12	2.7	20,750	
<b>Use of Nursing Facilities<sup>d</sup></b>										
Entire year	71	61.7	8.3	950	118	13,575	14	2.8	115	
Part year	85	72.6	8.8	1,032	111	12,996	13	2.6	117	
None	11,085	19.2	0.7	40,071	9	533,825	13	2.0	57,706	
<b>Maintenance Assistance Status</b>										
Cash	6,336	24.5	1.1	29,212	15	397,413	14	2.2	25,866	
Medically needy	807	17.3	0.8	3,805	11	50,765	13	1.6	4,658	
Poverty related	1,323	10.4	0.2	2,277	2	24,657	11	1.4	12,773	
Other/unknown	2,775	19.0	0.5	6,759	6	87,561	13	1.8	14,641	

Source: Data for this table are from the MAX 2007 file for North Dakota, released by CMS in 5/2010. This table was produced on 10/06/2010.

a. Table ND.11 includes the beneficiaries represented by Cell K of Table 1. Beneficiaries include all nondual Medicaid beneficiaries who had Medicaid pharmacy benefits during at least one month in 2007.

b. The statute establishing the Medicare Part D prescription program that started in 2007 excludes several types of drugs from coverage. State Medicaid programs have been allowed to exclude these drugs since 1990, but many states have chosen to cover them, and if states cover them for any Medicaid beneficiaries they must also cover them for dual eligibles, who as of 2007 receive the remainder of their prescription drug coverage through Part D. Excluded drugs include benzodiazepines; barbiturates; nonprescription (OTC) medications; prescription vitamins and minerals (not including prenatal vitamins and fluoride preparations); and drugs used for anorexia, weight loss, or weight gain. Other excluded drugs include those that promote fertility; those used for cosmetic purposes or hair growth, for symptomatic relief of coughs and colds; or drugs for which the manufacturer requires that associated tests or monitoring services be purchased exclusively from the manufacturer.

c. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services.

d. Please refer to footnote f on Table 1 for methodology used to determine use of nursing facilities.

Bene(s) = beneficiary (or beneficiaries); CMS = Centers for Medicare & Medicaid Services; Excl = excluded; MAX = Medicaid Analytic Extract; OTC = over-the-counter; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.12  
 USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D  
 AMONG NONDUALS PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC<sup>a,b</sup>  
 NORTH DAKOTA, 2007

Beneficiary Characteristics	Number Rx per Benefit Month	Rx \$ per Benefit Month	\$ per Rx	Barbiturate \$ per Benefit Month	Benzodiazepine \$ per Benefit Month	Number of Benefit Months
<b>All</b>	<b>0.1</b>	<b>\$1</b>	<b>\$13</b>	<b>\$0</b>	<b>\$0</b>	<b>479,884</b>
<b>Age</b>						
5 and younger	0.0	0	10	0	0	144,321
6-14	0.0	0	11	0	0	129,705
15-20	0.0	1	15	0	0	64,360
21-44	0.1	2	14	0	1	112,862
45-64	0.5	7	15	0	2	27,735
65-74	0.4	6	14	0	1	377
75-84	0.4	4	9	1	1	274
85 and older	0.3	4	12	0	1	250
Unknown	0.0	0	0	0	0	0
<b>Basis of Eligibility<sup>c</sup></b>						
Aged	0.4	5	12	0	1	858
Disabled	0.4	6	15	0	1	48,575
Adults	0.1	1	13	0	0	113,991
Children	0.0	0	11	0	0	316,460
Unknown	0.0	0	0	0	0	0
<b>Gender</b>						
Female	0.1	1	13	0	0	277,971
Male	0.1	1	13	0	0	201,903
Unknown	0.0	0	0	0	0	10
<b>Race</b>						
White	0.1	1	15	0	0	284,333
African American	0.1	1	9	0	0	16,093
Other/unknown	0.1	1	12	0	0	179,458
<b>Use of Nursing Facilities<sup>d</sup></b>						
Entire year	0.9	12	14	0	3	1,115
Part year	0.9	11	13	0	3	1,157
None	0.1	1	13	0	0	477,612
<b>Maintenance Assistance Status</b>						
Cash	0.1	2	14	0	0	222,487
Medically needy	0.1	2	13	0	0	33,101
Poverty related	0.0	0	11	0	0	91,163
Other/unknown	0.1	1	13	0	0	133,133

Source: Data for this table are from the MAX 2007 file for North Dakota, released by CMS in 5/2010. This table was produced on 10/06/2010.

a. Table ND.12 includes the beneficiaries represented by Cell K of Table 1. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits. Beneficiaries include all nondual Medicaid beneficiaries who had Medicaid pharmacy benefits during at least one month in 2007.

b. The statute establishing the Medicare Part D prescription program that started in 2007 excludes several types of drugs from coverage. State Medicaid programs have been allowed to exclude these drugs since 1990, but many states have chosen to cover them, and if states cover them for any Medicaid beneficiaries they must also cover them for dual eligibles, who as of 2007 receive the remainder of their prescription drug coverage through Part D. Excluded drugs include benzodiazepines; barbiturates; nonprescription (OTC) medications; prescription vitamins and minerals (not including prenatal vitamins and fluoride preparations); and drugs used for anorexia, weight loss, or weight gain. Other excluded drugs include those that promote fertility; those used for cosmetic purposes or hair growth, for symptomatic relief of coughs and colds; or drugs for which the manufacturer requires that associated tests or monitoring services be purchased exclusively from the manufacturer.

c. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services.

d. Please refer to footnote f on Table 1 for methodology used to determine use of nursing facilities.

TABLE ND.13  
USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D FOR SELECTED DRUG CATEGORIES AMONG NONDUALS<sup>a,b,c</sup>  
NORTH DAKOTA, 2007

Drug Category	Number of Users	Rx \$ per User	Total Rx \$	Rx \$ as a Percentage of All Part D			Number Rx as a Percentage of All Part D Excluded Rx
				Excluded Rx \$	Total Number Rx.	\$ per Rx	
<b>All</b>	<b>14,501</b>	<b>\$39</b>	<b>\$560,396</b>	<b>100.0</b>	<b>42,053</b>	<b>\$13</b>	<b>100.0</b>
Anorexia or weight loss/gain	0	0	0	0.0	0	0	0.0
Fertility drugs	0	0	0	0.0	0	0	0.0
Drugs for cosmetic purposes	66	18	1,210	0.2	115	11	0.3
Cough and cold medications	4,975	23	116,004	20.7	7,900	15	18.8
Vitamins and minerals	534	79	42,212	7.5	2,642	16	6.3
Non-prescription drugs	6,406	41	259,543	46.3	18,593	14	44.2
Barbiturates	103	98	10,061	1.8	914	11	2.2
Benzodiazepines	2,207	53	118,011	21.1	11,483	10	27.3
Other Part D Excl Rx Drugs	210	64	13,355	2.4	406	33	1.0

Source: Data for this table are from the MAX 2007 file for North Dakota, released by CMS in 5/2010. This table was produced on 10/06/2010.

a. Table ND.13 includes the beneficiaries represented by Cell K of Table 1. Beneficiaries include all nondual Medicaid beneficiaries who had Medicaid pharmacy benefits during at least one month in 2007. A user is a beneficiary who had at least one prescription filled for a Part D excluded drug in 2007. A beneficiary who used drugs from two or more Part D excluded categories was counted as a user for each category. Therefore, the sum of users across drug categories may exceed the total number of individual users as noted on Table ND11.

b. Includes OTC drugs as well as prescription drugs.

c. The statute establishing the Medicare Part D prescription program that started in 2007 excludes several types of drugs from coverage. State Medicaid programs have been allowed to exclude these drugs since 1990, but many states have chosen to cover them, and if states cover them for any Medicaid beneficiaries they must also cover them for dual eligibles, who as of 2007 receive the remainder of their prescription drug coverage through Part D. Excluded drugs include benzodiazepines; barbiturates; nonprescription (OTC) medications; prescription vitamins and minerals (not including prenatal vitamins and fluoride preparations); and drugs used for anorexia, weight loss, or weight gain. Other excluded drugs include those that promote fertility; those used for cosmetic purposes or hair growth, for symptomatic relief of coughs and colds; or drugs for which the manufacturer requires that associated tests or monitoring services be purchased exclusively from the manufacturer.

Bene(s) = beneficiary (or beneficiaries); CMS = Centers for Medicare & Medicaid Services; Excl = excluded; MAX = Medicaid Analytic Extract; OTC = over-the-counter; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

Nondual Medicaid Beneficiaries

**APPENDIX TABLE A.1**  
**CHARACTERISTICS OF MEDICAID BENEFICIARIES WITH AT LEAST ONE MONTH OF PHARMACY BENEFIT COVERAGE, BY BASIS OF ELIGIBILITY<sup>a, b</sup>**  
**NONDUAL BENEFICIARIES, NORTH DAKOTA, 2007**

Beneficiary Characteristics	Number of Beneficiaries						Number of Benefit Months					
	All	Aged	Blind/ Disabled	Adults	Children	Other/ Unknown	All	Aged	Blind/ Disabled	Adults	Children	Other/ Unknown
<b>All</b>	<b>57,938</b>	<b>91</b>	<b>4,774</b>	<b>15,417</b>	<b>37,656</b>	<b>0</b>	<b>479,884</b>	<b>858</b>	<b>48,575</b>	<b>113,991</b>	<b>316,460</b>	<b>0</b>
<b>Age</b>												
5 and younger	17,474	0	233	0	17,241	0	144,321	0	2,346	0	141,975	0
6-14	14,718	0	516	2	14,200	0	129,705	0	5,551	19	124,135	0
15-20	7,798	0	475	1,328	5,995	0	64,360	0	4,898	10,151	49,311	0
21-44	14,714	0	1,587	12,907	220	0	112,862	0	16,368	95,455	1,039	0
45-64	3,132	0	1,953	1,179	0	0	27,735	0	19,375	8,360	0	0
65-74	45	34	10	1	0	0	377	334	37	6	0	0
75-84	27	27	0	0	0	0	274	274	0	0	0	0
85 and older	30	30	0	0	0	0	250	250	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
<b>Gender</b>												
Female	33,665	56	2,472	12,852	18,285	0	277,971	524	25,318	97,519	154,610	0
Male	24,271	35	2,302	2,565	19,369	0	201,903	334	23,257	16,472	161,840	0
Unknown	2	0	0	0	2	0	10	0	0	0	10	0
<b>Race</b>												
White	35,175	55	3,332	9,547	22,241	0	284,333	520	33,795	68,286	181,732	0
African American	2,013	14	104	529	1,366	0	16,093	134	985	3,668	11,306	0
Other/unknown	20,750	22	1,338	5,341	14,049	0	179,458	204	13,795	42,037	123,422	0
<b>Use of Nursing Facilities<sup>c</sup></b>												
Entire year	115	29	86	0	0	0	1,115	283	832	0	0	0
Part year	117	10	96	6	5	0	1,157	77	974	54	52	0
None	57,706	52	4,592	15,411	37,651	0	477,612	498	46,769	113,937	316,408	0
<b>Maintenance Assistance Status</b>												
Cash	25,866	35	4,191	7,626	14,014	0	222,487	339	44,484	56,216	121,448	0
Medically needy	4,658	56	544	1,520	2,538	0	33,101	519	3,746	7,945	20,891	0
Poverty related	12,773	0	0	1,280	11,493	0	91,163	0	0	7,033	84,130	0
Other/unknown	14,641	0	39	4,991	9,611	0	133,133	0	345	42,797	89,991	0
<b>Managed Care (MC) Status</b>												
Fee-for-service (FFS) all year	57,938	91	4,774	15,417	37,656	0	479,884	858	48,575	113,991	316,460	0
FFS part year, with Rx claims	0	0	0	0	0	0	0	0	0	0	0	0
FFS part year, no Rx claims	0	0	0	0	0	0	0	0	0	0	0	0
MC all year, with Rx claims	0	0	0	0	0	0	0	0	0	0	0	0
MC all year, no Rx claims	0	0	0	0	0	0	0	0	0	0	0	0

Source: Data for this table are from the MAX 2007 file for North Dakota, released by CMS in 5/2010. This table was produced on 10/06/2010.

a. Table A.1 includes the beneficiaries represented by Cell J of Table 1. Benefit months are months during which beneficiaries had pharmacy benefit coverage.

b. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services. The total includes some beneficiaries with unknown basis of eligibility and some whose age categories are not consistent with basis of eligibility.

c. Please refer to footnote f of Table 1 for methodology used to determine nursing facility residence.

Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); CMS = Centers for Medicare & Medicaid Services; FFS = fee-for-service pharmacy benefit; MAX = Medicaid Analytic Extract; MC = managed care; Rx = pharmacy benefit.

APPENDIX TABLE A.2  
 MEDICAID BENEFICIARIES AND THEIR BENEFIT MONTHS WITH OR WITHOUT FEE-FOR-SERVICE PHARMACY BENEFITS<sup>a</sup>  
 NONDUAL BENEFICIARIES, NORTH DAKOTA, 2007

	Beneficiaries and		Included in Cell K of Table 1		Excluded from Cell K of Table 1	
	Benefit Months in Cell J of Table 1		Included in Cell K of Table 1		Excluded from Cell K of Table 1	
	Number of Beneficiaries	Number of Benefit Months	Number of Beneficiaries	Number of Benefit Months	Number of Beneficiaries	Number of Benefit Months
<b>All</b>	<b>57,938</b>	<b>479,884</b>	<b>57,938</b>	<b>479,884</b>	<b>0</b>	<b>0</b>
Fee-for-service (FFS) all year	57,938	479,884	57,938	479,884	0	0
FFS part year, with Rx claims	0	0	0	0	0	0
FFS part year, with no Rx claims	0	0	0	0	0	0
Managed care (MC) all year, with Rx claims	0	0	0	0	0	0
MC all year, with no Rx claims	0	0	0	0	0	0

Source: Data for this table are from the MAX 2007 file for North Dakota, released by CMS in 5/2010. This table was produced on 10/06/2010.

a. Benefit months are months during which beneficiaries had pharmacy benefit coverage.

Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); CMS = Centers for Medicare & Medicaid Services; FFS = fee-for-service pharmacy benefit; MAX = Medicaid Analytic Extract; MC = managed care; Rx = pharmacy benefit.

Nondual Medicaid Beneficiaries